



CALIFORNIA

Agricultural Bulletin

EDD Employment
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State of California

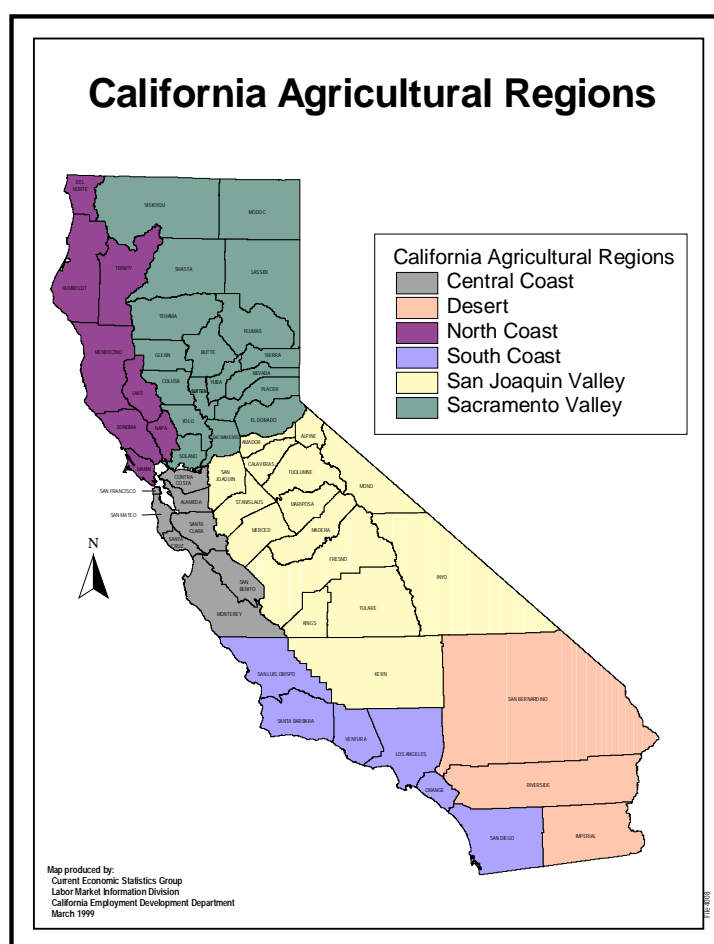
October 1999
(Internet Version)

Agricultural Overview

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This bulletin covers 27 agricultural industries in the State of California. The number of industries ranges from five to seventeen within each of the six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details).



The data are organized into the following tables by state and region:

- Wage and Salary Workers
- Average Hourly Earnings

LMID
Labor Market Information Division
"Your Information Source"

Introduction

The California Agricultural Bulletin is produced by the Employment Development Department (EDD) in cooperation with the U.S. Department of Agriculture and through a grant from the U.S. Department of Labor. Because of changes in sampling and estimating procedures, farm employment data published by EDD prior to January 1997 may not be strictly comparable to current estimates.

Summary

Employment

California agricultural employment for October 1999 registered a decrease of 53,800 jobs from the previous month, a loss of 11 percent. Decreases were registered in Agricultural Production and in Agricultural Services. A seasonal decrease in agricultural employment for the month of October is normal. The change in California agricultural employment from September 1998 to October 1998 was a decrease of 52,100 jobs. From September 1999 to October 1999, Production/Crops registered a decrease of 13,300 jobs, a drop of five percent. Production/Livestock increased by 2,800, a gain of 13 percent. Agricultural Services registered a decrease of 43,300 jobs, a loss of 20 percent. Total California agricultural employment for October 1999 increased 600 jobs from the October 1998 level.

The San Joaquin Valley Region registered a decrease of 46,700 jobs from September 1999 to October 1999. In this region, Agricultural Production decreased eight percent and Agricultural Services decreased 26 percent from the previous month.

Production and Crop Activity

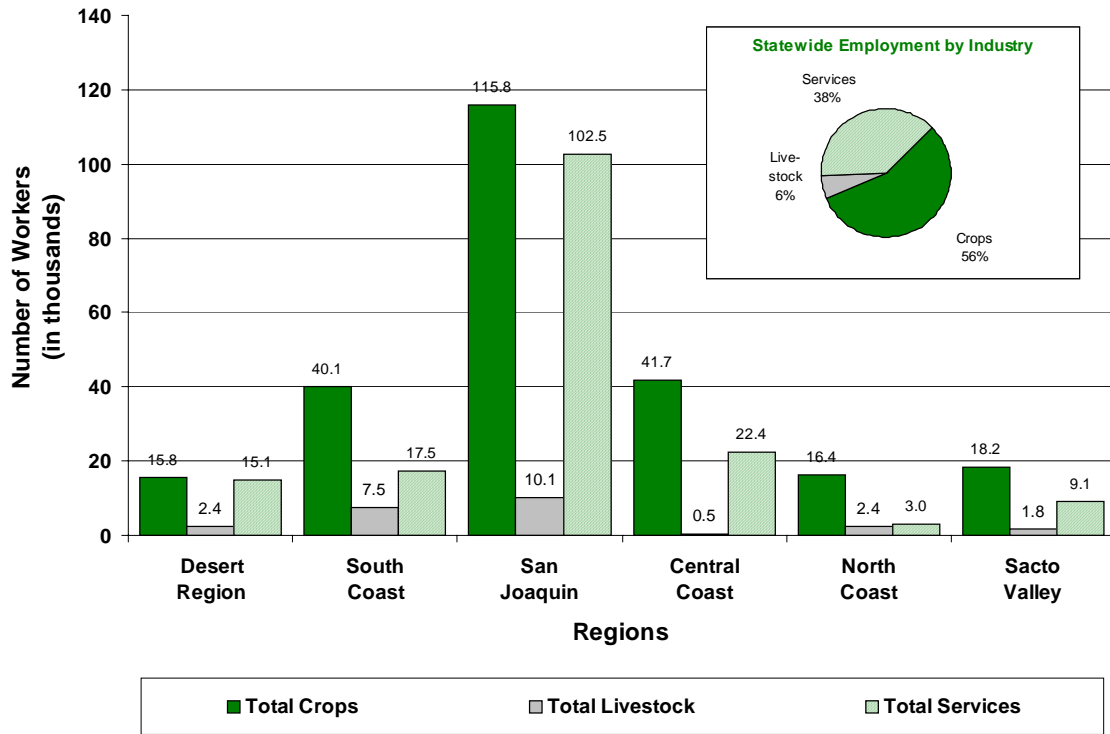
During the month, work in fields progressed normally under favorable conditions in most areas although light rain fell toward the end of the month. Seedbed preparations for fall-seeded small grains and forage crops continued. Planting of wheat, barley, forage crops, and new alfalfa was ongoing. The rice harvest was virtually completed in all growing areas and the cotton harvest was in full swing. Mature alfalfa, bermuda grass, and sudan grass were cut for hay or greenchopped. Harvested corn, cotton, and alfalfa fields were prepared for winter forage planting. Sugarbeets were treated for worms. Work crews were also busy harvesting sugarbeets, squash, sweet corn, bitter melon, cherry tomatoes, blackeye and green beans, cucumbers, peppers, sweet potatoes, eggplant, zucchini, okra, radishes, onions, garlic, carrots, cabbage, turnips, and peas.

Vineyards were active with the harvest of wine grape as the harvesting of table grapes declined. Apple, olive and kiwifruit harvests were in full swing. Asian pear and pomegranate harvests were active in the San Joaquin Valley. The prune harvest gained momentum and the harvesting of figs continued. Work crews were also busy harvesting almonds, walnuts, and pistachios. Valencia oranges, grapefruit, and lemons were picked in southern California.

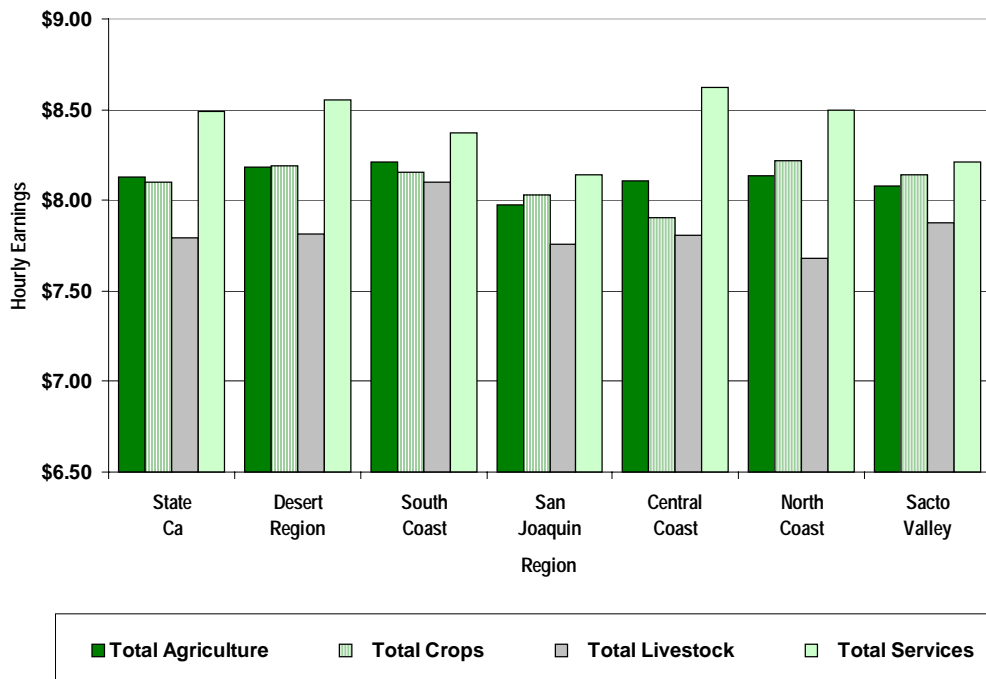
Cattle in foothill pastures received supplemental feeding as some ranchers stockpiled hay for winter. Fall calving and lambing continued in full swing.

Agricultural Summary Charts

Wage and Salary Workers



Average Hourly Earnings



CALIFORNIA AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Oct 1999	Sep 1999	Oct 1998
Total Agriculture	442.3	496.1	441.7
Total Agricultural Production/Crops	248.0	261.3	225.2
Cash Grains	3.4	2.8	3.2
Rice	1.4	0.4	2.0
Other Cash Grains	2.0	2.4	1.2
Field Crops Except Grains	14.7	19.8	12.8
Cotton	3.9	3.2	6.7
Other Field Crops	10.8	16.6	6.1
Vegetables and Melons	73.5	66.1	35.6
Total Fruits and Tree Nuts	93.0	109.9	109.3
Berries	12.8	19.0	16.4
Grapes	36.6	50.6	47.5
Tree Nuts	12.8	9.8	12.8
Citrus Fruits	2.0	1.6	6.1
Deciduous Tree Fruit	7.3	9.4	15.7
Other Fruits & Nuts	21.5	19.5	10.8
Total Horticultural Specialties	38.7	32.1	36.3
Ornamental Floral & Nursery	34.7	29.7	32.8
Food Crops Grown Under Cover	4.0	2.4	3.5
General Farm Primarily Crop	24.7	30.6	28.0
Agricultural Production/Livestock	24.7	21.9	27.2
Beef Cattle Feed Lots	1.1	0.1	0.5
Beef Cattle Except Feed Lots	2.9	2.8	3.4
Dairy Farms	9.0	8.5	15.3
Chicken Eggs	1.3	6.0	2.4
Turkey & Turkey Eggs	0.1	0.5	0.9
Other Livestock	10.3	4.0	4.7
Total Agricultural Services	169.6	212.9	189.3
Soil Preparation Services	0.8	0.5	1.8
Crop Services	52.0	46.0	52.5
Plant Cultivate & Protection	7.4	5.0	6.4
Harvest Primarily by Machine	6.1	6.0	7.8
Preparation Services for Market	37.3	34.7	37.3
Cotton Ginning	1.2	0.3	1.0
Total Farm Labor & Management	116.8	166.4	135.0
Farm Labor Contractors	104.6	154.6	125.7
Farm Management Services	12.2	11.8	9.3

Average Hourly Earnings (In dollars per hour)

Industry	Oct 1999	Sep 1999	Oct 1998
Total Agriculture	8.13	8.13	7.53
Total Agricultural Production/Crops	8.10	7.93	7.15
Cash Grains	9.04	8.10	7.47
Rice	9.25	7.88	7.79
Other Cash Grains	8.83	8.32	7.15
Field Crops Except Grains	8.02	7.77	6.82
Cotton	7.31	7.27	6.77
Other Field Crops	8.73	8.27	6.87
Vegetables and Melons	7.91	8.03	7.42
Total Fruits and Tree Nuts	7.87	7.86	6.90
Berries	7.73	8.22	6.65
Grapes	8.14	8.01	7.00
Tree Nuts	7.95	7.59	6.96
Citrus Fruits	7.89	7.67	7.22
Deciduous Tree Fruit	7.64	7.54	6.62
Other Fruits & Nuts	7.87	8.16	6.93
Total Horticultural Specialties	8.24	8.53	7.54
Ornamental Floral & Nursery	8.33	8.60	6.97
Food Crops Grown Under Cover	8.15	8.45	8.10
General Farm Primarily Crop	7.51	7.31	6.73
Agricultural Production/Livestock	7.79	7.65	7.59
Beef Cattle Feed Lots	7.79	8.50	7.20
Beef Cattle Except Feed Lots	7.78	7.57	8.19
Dairy Farms	8.00	8.12	7.94
Chicken Eggs	7.03	6.74	7.11
Turkey & Turkey Eggs	7.95	6.57	7.59
Other Livestock	8.22	8.42	7.51
Total Agricultural Services	8.49	8.80	7.85
Soil Preparation Services	8.57	9.25	8.87
Crop Services	8.79	9.02	7.83
Plant Cultivate & Protection	8.68	8.65	7.55
Harvest Primarily by Machine	8.74	8.84	7.84
Preparation Services for Market	8.16	8.20	7.51
Cotton Ginning	9.57	10.38	8.44
Total Farm Labor & Management	8.12	8.15	6.85
Farm Labor Contractors	8.06	8.10	6.74
Farm Management Services	8.18	8.20	6.96

CENTRAL COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Industry	Oct 1999	Sep 1999	Oct 1998
Total Agriculture	64.6	72.6	66.1
Total Agricultural Production/Crops	41.7	44.6	39.0
Cash Grains	0.0	0.1	0.0
Rice	0.0	0.1	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	2.5	5.4	0.2
Cotton	0.0	0.0	0.0
Other Field Crops	2.5	5.4	0.2
Vegetables and Melons	12.8	14.8	15.7
Total Fruits and Tree Nuts	14.4	15.3	11.9
Berries	5.9	11.4	9.0
Grapes	0.0	0.2	1.3
Tree Nuts	0.2	0.1	0.2
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	1.1	1.0	1.2
Other Fruits & Nuts	7.2	2.6	0.2
Total Horticultural Specialties	11.9	6.2	8.9
Ornamental Floral & Nursery	8.9	3.8	6.8
Food Crops Grown Under Cover	3.0	2.4	2.1
General Farm Primarily Crop	0.1	2.8	2.3
Agricultural Production/Livestock	0.5	0.5	1.0
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.0	0.0	0.4
Dairy Farms	0.0	0.0	0.1
Chicken Eggs	0.1	0.0	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.4	0.5	0.3
Total Agricultural Services	22.4	27.5	26.1
Soil Preparation Services	0.0	0.0	0.7
Crop Services	10.3	10.3	11.3
Plant Cultivate & Protection	1.5	0.0	0.5
Harvest Primarily by Machine	1.5	3.2	2.6
Preparation Services for Market	7.3	7.1	8.2
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	12.1	17.2	14.1
Farm Labor Contractors	9.2	16.2	13.1
Farm Management Services	2.9	1.0	1.0

na = not available

Average Hourly Earnings
(In dollars per hour)

Industry	Oct 1999	Sep 1999	Oct 1998
Total Agriculture	8.11	8.57	7.67
Total Agricultural Production/Crops	7.90	8.24	7.33
Cash Grains	na	8.23	na
Rice	na	8.23	na
Other Cash Grains	na	na	na
Field Crops Except Grains	8.45	8.78	6.74
Cotton	na	na	na
Other Field Crops	8.45	8.78	6.74
Vegetables and Melons	7.99	8.89	7.73
Total Fruits and Tree Nuts	7.80	8.02	7.25
Berries	8.16	8.64	7.07
Grapes	na	7.94	6.85
Tree Nuts	7.55	7.75	7.60
Citrus Fruits	na	na	na
Deciduous Tree Fruit	7.31	7.49	6.80
Other Fruits & Nuts	8.19	8.27	7.94
Total Horticultural Specialties	8.30	8.49	7.78
Ornamental Floral & Nursery	8.32	8.52	7.13
Food Crops Grown Under Cover	8.28	8.45	8.43
General Farm Primarily Crop	6.97	7.06	7.16
Agricultural Production/Livestock	7.81	8.74	7.62
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	na	na	7.95
Dairy Farms	na	na	7.85
Chicken Eggs	7.00	na	7.00
Turkey & Turkey Eggs	na	na	7.51
Other Livestock	8.61	8.74	7.80
Total Agricultural Services	8.62	8.72	8.06
Soil Preparation Services	na	na	9.11
Crop Services	8.69	9.01	8.03
Plant Cultivate & Protection	8.39	na	7.75
Harvest Primarily by Machine	9.01	9.37	7.92
Preparation Services for Market	8.67	8.64	8.42
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.55	8.44	7.03
Farm Labor Contractors	8.39	8.24	6.90
Farm Management Services	8.71	8.64	7.16

DESERT AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Oct 1999	Sep 1999	Oct 1998
Total Agriculture	33.3	25.7	31.8
Total Agricultural Production/Crops	15.8	10.9	10.7
Cash Grains	1.0	0.0	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	1.0	0.0	0.1
Field Crops Except Grains	3.3	2.5	1.9
Cotton	0.0	0.0	0.0
Other Field Crops	3.3	2.5	1.9
Vegetables and Melons	2.6	0.8	2.0
Total Fruits and Tree Nuts	4.0	2.2	3.2
Berries	0.0	0.0	0.1
Grapes	0.3	0.7	0.8
Tree Nuts	2.2	0.0	0.2
Citrus Fruits	0.1	0.1	0.7
Deciduous Tree Fruit	0.0	0.0	0.1
Other Fruits & Nuts	1.4	1.4	1.3
Total Horticultural Specialties	1.7	1.2	1.5
Ornamental Floral & Nursery	1.7	1.2	1.4
Food Crops Grown Under Cover	0.0	0.0	0.1
General Farm Primarily Crop	3.2	4.2	2.0
Agricultural Production/Livestock	2.4	4.2	5.6
Beef Cattle Feed Lots	0.0	0.0	0.2
Beef Cattle Except Feed Lots	0.1	0.0	0.6
Dairy Farms	1.6	1.4	2.9
Chicken Eggs	0.3	2.7	1.2
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.4	0.1	0.7
Total Agricultural Services	15.1	10.6	15.5
Soil Preparation Services	0.3	0.4	0.2
Crop Services	4.7	2.1	5.1
Plant Cultivate & Protection	1.6	0.2	0.6
Harvest Primarily by Machine	0.1	0.7	1.2
Preparation Services for Market	2.8	1.2	3.2
Cotton Ginning	0.2	0.0	0.1
Total Farm Labor & Management	10.1	8.1	10.2
Farm Labor Contractors	10.0	7.9	9.7
Farm Management Services	0.1	0.2	0.5

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Oct 1999	Sep 1999	Oct 1998
Total Agriculture	8.19	7.93	7.36
Total Agricultural Production/Crops	8.19	7.79	6.91
Cash Grains	8.94	na	6.75
Rice	na	na	na
Other Cash Grains	8.94	na	6.75
Field Crops Except Grains	8.77	8.33	6.68
Cotton	na	na	na
Other Field Crops	8.77	8.33	6.68
Vegetables and Melons	7.70	7.37	6.88
Total Fruits and Tree Nuts	8.31	7.89	6.62
Berries	na	na	6.10
Grapes	8.59	7.59	7.01
Tree Nuts	8.58	na	6.20
Citrus Fruits	8.40	8.00	7.08
Deciduous Tree Fruit	na	na	6.57
Other Fruits & Nuts	7.66	8.09	6.77
Total Horticultural Specialties	8.18	8.88	7.33
Ornamental Floral & Nursery	8.18	8.88	6.66
Food Crops Grown Under Cover	na	na	8.00
General Farm Primarily Crop	7.25	6.47	7.21
Agricultural Production/Livestock	7.82	7.55	7.63
Beef Cattle Feed Lots	na	na	7.08
Beef Cattle Except Feed Lots	7.76	na	7.95
Dairy Farms	8.12	7.67	9.07
Chicken Eggs	7.05	6.58	6.85
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.33	8.41	7.21
Total Agricultural Services	8.55	8.45	7.55
Soil Preparation Services	9.01	9.20	8.55
Crop Services	8.63	8.16	7.19
Plant Cultivate & Protection	8.96	8.50	6.80
Harvest Primarily by Machine	8.91	8.38	6.60
Preparation Services for Market	7.75	7.60	6.87
Cotton Ginning	8.91	na	8.50
Total Farm Labor & Management	8.02	8.00	6.91
Farm Labor Contractors	7.70	8.18	6.96
Farm Management Services	8.33	7.81	6.85

NORTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Oct 1999	Sep 1999	Oct 1998
Total Agriculture	21.8	18.3	21.2
Total Agricultural Production/Crops	16.4	10.7	16.1
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	0.0	0.2	0.0
Cotton	0.0	0.0	0.0
Other Field Crops	0.0	0.2	0.0
Vegetables and Melons	3.0	4.7	0.4
Total Fruits and Tree Nuts	11.9	5.2	13.6
Berries	0.0	0.0	0.0
Grapes	11.1	4.6	12.1
Tree Nuts	0.0	0.0	0.1
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	0.7	0.6	1.2
Other Fruits & Nuts	0.1	0.0	0.2
Total Horticultural Specialties	1.5	0.6	1.7
Ornamental Floral & Nursery	0.5	0.6	1.5
Food Crops Grown Under Cover	1.0	0.0	0.2
General Farm Primarily Crop	0.0	0.0	0.4
Agricultural Production/Livestock	2.4	3.0	1.7
Beef Cattle Feed Lots	0.1	0.0	0.0
Beef Cattle Except Feed Lots	1.4	0.2	0.2
Dairy Farms	0.7	1.8	0.9
Chicken Eggs	0.0	0.9	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.2	0.1	0.4
Total Agricultural Services	3.0	4.6	3.4
Soil Preparation Services	0.0	0.0	0.1
Crop Services	0.1	0.1	0.2
Plant Cultivate & Protection	0.0	0.1	0.0
Harvest Primarily by Machine	0.0	0.0	0.0
Preparation Services for Market	0.1	0.0	0.2
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	2.9	4.5	3.2
Farm Labor Contractors	0.0	2.0	1.1
Farm Management Services	2.9	2.5	2.1

Industry	Oct 1999	Sep 1999	Oct 1998
Total Agriculture	8.13	8.55	7.62
Total Agricultural Production/Crops	8.22	8.92	7.22
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	na	8.73	na
Cotton	na	na	na
Other Field Crops	na	8.73	na
Vegetables and Melons	8.28	9.44	8.09
Total Fruits and Tree Nuts	7.88	8.61	7.23
Berries	na	na	na
Grapes	8.37	8.78	8.01
Tree Nuts	na	na	7.18
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.23	8.44	7.13
Other Fruits & Nuts	7.05	na	6.60
Total Horticultural Specialties	8.50	8.89	7.27
Ornamental Floral & Nursery	8.98	8.89	6.78
Food Crops Grown Under Cover	8.02	na	7.75
General Farm Primarily Crop	na	na	6.28
Agricultural Production/Livestock	7.68	7.63	7.69
Beef Cattle Feed Lots	7.80	na	na
Beef Cattle Except Feed Lots	7.83	7.62	8.20
Dairy Farms	7.15	7.80	7.20
Chicken Eggs	na	7.05	7.55
Turkey & Turkey Eggs	na	na	7.72
Other Livestock	7.95	8.03	7.80
Total Agricultural Services	8.50	9.10	7.94
Soil Preparation Services	na	na	9.03
Crop Services	8.03	9.26	7.50
Plant Cultivate & Protection	na	9.26	na
Harvest Primarily by Machine	na	na	na
Preparation Services for Market	8.03	na	7.50
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.96	8.94	7.30
Farm Labor Contractors	8.96	8.72	6.77
Farm Management Services	na	9.16	7.82

na = not available

SOUTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Oct 1999	Sep 1999	Oct 1998
Total Agriculture	65.1	62.6	61.8
Total Agricultural Production/Crops	40.1	41.8	42.8
Cash Grains	0.0	0.0	0.2
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.2
Field Crops Except Grains	1.3	1.7	0.3
Cotton	0.0	0.0	0.1
Other Field Crops	1.3	1.7	0.2
Vegetables and Melons	5.2	3.4	8.8
Total Fruits and Tree Nuts	12.6	14.6	13.0
Berries	6.7	7.6	7.1
Grapes	0.0	1.4	2.3
Tree Nuts	0.0	0.0	0.1
Citrus Fruits	1.3	0.9	1.9
Deciduous Tree Fruit	0.0	0.7	0.1
Other Fruits & Nuts	4.6	4.0	1.5
Total Horticultural Specialties	16.0	19.4	16.3
Ornamental Floral & Nursery	16.0	19.4	15.5
Food Crops Grown Under Cover	0.0	0.0	0.8
General Farm Primarily Crop	5.0	2.7	4.2
Agricultural Production/Livestock	7.5	2.9	2.0
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.0	0.0	0.4
Dairy Farms	0.2	0.0	0.2
Chicken Eggs	0.4	1.6	0.4
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	6.9	1.3	1.0
Total Agricultural Services	17.5	17.9	17.0
Soil Preparation Services	0.0	0.1	0.1
Crop Services	3.6	4.4	3.8
Plant Cultivate & Protection	0.2	1.9	0.6
Harvest Primarily by Machine	1.1	0.0	0.4
Preparation Services for Market	2.3	2.5	2.8
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	13.9	13.4	13.1
Farm Labor Contractors	10.5	12.0	11.9
Farm Management Services	3.4	1.4	1.2

Industry	Oct 1999	Sep 1999	Oct 1998
Total Agriculture	8.21	8.09	7.60
Total Agricultural Production/Crops	8.16	7.79	7.09
Cash Grains	na	na	7.01
Rice	na	na	na
Other Cash Grains	na	na	7.01
Field Crops Except Grains	8.91	7.87	6.78
Cotton	na	na	6.73
Other Field Crops	8.91	7.87	6.82
Vegetables and Melons	8.34	7.60	7.20
Total Fruits and Tree Nuts	7.54	7.73	7.01
Berries	6.48	7.80	6.99
Grapes	na	7.98	6.80
Tree Nuts	na	na	7.03
Citrus Fruits	7.93	7.46	7.67
Deciduous Tree Fruit	na	7.04	6.50
Other Fruits & Nuts	8.20	8.39	7.08
Total Horticultural Specialties	8.58	8.87	7.67
Ornamental Floral & Nursery	8.58	8.87	6.84
Food Crops Grown Under Cover	na	na	8.50
General Farm Primarily Crop	7.41	6.87	6.87
Agricultural Production/Livestock	8.10	7.91	7.94
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	na	na	8.15
Dairy Farms	8.49	na	8.50
Chicken Eggs	7.02	6.32	6.90
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.78	9.50	8.22
Total Agricultural Services	8.37	8.58	7.76
Soil Preparation Services	na	9.29	8.35
Crop Services	8.72	8.43	7.72
Plant Cultivate & Protection	8.60	8.51	7.50
Harvest Primarily by Machine	8.83	na	7.83
Preparation Services for Market	na	8.35	7.82
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.03	8.03	7.23
Farm Labor Contractors	8.12	8.30	7.24
Farm Management Services	7.94	7.75	7.21

na = not available

SAN JOAQUIN AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Oct 1999	Sep 1999	Oct 1998
Total Agriculture	228.4	275.1	224.9
Total Agricultural Production/Crops	115.8	127.6	92.0
Cash Grains	0.4	1.4	0.4
Rice	0.0	0.0	0.1
Other Cash Grains	0.4	1.4	0.3
Field Crops Except Grains	7.1	8.6	9.3
Cotton	3.9	3.2	6.6
Other Field Crops	3.2	5.4	2.7
Vegetables and Melons	45.8	30.1	6.4
Total Fruits and Tree Nuts	44.3	66.5	56.8
Berries	0.2	0.0	0.1
Grapes	25.0	43.0	29.7
Tree Nuts	6.8	6.6	8.3
Citrus Fruits	0.5	0.5	3.4
Deciduous Tree Fruit	3.9	5.1	9.6
Other Fruits & Nuts	7.9	11.3	5.7
Total Horticultural Specialties	6.3	4.7	4.1
Ornamental Floral & Nursery	6.3	4.7	4.0
Food Crops Grown Under Cover	0.0	0.0	0.1
General Farm Primarily Crop	11.9	16.3	15.0
Agricultural Production/Livestock	10.1	9.5	15.1
Beef Cattle Feed Lots	1.0	0.1	0.2
Beef Cattle Except Feed Lots	1.0	2.0	1.2
Dairy Farms	5.3	4.7	10.6
Chicken Eggs	0.5	0.8	0.6
Turkey & Turkey Eggs	0.1	0.5	0.7
Other Livestock	2.2	1.4	1.8
Total Agricultural Services	102.5	138.0	117.8
Soil Preparation Services	0.5	0.0	0.6
Crop Services	28.1	24.4	28.2
Plant Cultivate & Protection	3.8	2.1	4.0
Harvest Primarily by Machine	3.4	2.1	3.2
Preparation Services for Market	19.9	19.9	20.1
Cotton Ginning	1.0	0.3	0.9
Total Farm Labor & Management	73.9	113.6	89.0
Farm Labor Contractors	71.0	106.9	84.9
Farm Management Services	2.9	6.7	4.1

Industry	Oct 1999	Sep 1999	Oct 1998
Total Agriculture	7.98	7.95	7.60
Total Agricultural Production/Crops	8.03	7.84	7.04
Cash Grains	8.75	8.63	7.70
Rice	na	na	8.02
Other Cash Grains	8.75	8.63	7.38
Field Crops Except Grains	8.05	7.33	6.77
Cotton	7.31	7.27	6.81
Other Field Crops	8.79	7.38	6.72
Vegetables and Melons	7.68	7.37	6.97
Total Fruits and Tree Nuts	8.10	7.87	6.63
Berries	8.54	na	6.45
Grapes	8.09	7.97	6.68
Tree Nuts	8.30	7.98	6.71
Citrus Fruits	8.03	7.99	6.91
Deciduous Tree Fruit	7.54	7.33	6.27
Other Fruits & Nuts	8.09	8.10	6.75
Total Horticultural Specialties	7.60	7.85	7.69
Ornamental Floral & Nursery	7.60	7.85	7.30
Food Crops Grown Under Cover	na	na	8.08
General Farm Primarily Crop	7.98	8.02	6.47
Agricultural Production/Livestock	7.76	7.71	7.62
Beef Cattle Feed Lots	7.78	8.50	7.32
Beef Cattle Except Feed Lots	7.91	7.56	8.83
Dairy Farms	8.01	8.83	7.83
Chicken Eggs	7.03	7.01	7.27
Turkey & Turkey Eggs	7.95	6.57	7.53
Other Livestock	7.85	7.78	6.92
Total Agricultural Services	8.14	8.29	8.14
Soil Preparation Services	8.12	na	9.78
Crop Services	8.69	8.83	8.11
Plant Cultivate & Protection	8.55	8.45	8.13
Harvest Primarily by Machine	8.22	8.78	9.06
Preparation Services for Market	7.77	7.70	6.88
Cotton Ginning	10.23	10.38	8.38
Total Farm Labor & Management	7.62	7.75	6.52
Farm Labor Contractors	7.50	7.88	6.40
Farm Management Services	7.74	7.62	6.64

na = not available

SACRAMENTO VALLEY AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Oct 1999	Sep 1999	Oct 1998
Total Agriculture	29.1	41.8	35.8
Total Agricultural Production/Crops	18.2	25.7	24.6
Cash Grains	2.0	1.3	2.5
Rice	1.4	0.3	1.9
Other Cash Grains	0.6	1.0	0.6
Field Crops Except Grains	0.5	1.4	1.1
Cotton	0.0	0.0	0.0
Other Field Crops	0.5	1.4	1.1
Vegetables and Melons	4.1	12.3	2.3
Total Fruits and Tree Nuts	5.8	6.1	10.8
Berries	0.0	0.0	0.1
Grapes	0.2	0.7	1.3
Tree Nuts	3.6	3.1	3.9
Citrus Fruits	0.1	0.1	0.1
Deciduous Tree Fruit	1.6	2.0	3.5
Other Fruits & Nuts	0.3	0.2	1.9
Total Horticultural Specialties	1.3	0.0	3.8
Ornamental Floral & Nursery	1.3	0.0	3.6
Food Crops Grown Under Cover	0.0	0.0	0.2
General Farm Primarily Crop	4.5	4.6	4.1
Agricultural Production/Livestock	1.8	1.8	1.8
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.4	0.6	0.6
Dairy Farms	1.2	0.6	0.6
Chicken Eggs	0.0	0.0	0.0
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.2	0.6	0.5
Total Agricultural Services	9.1	14.3	9.4
Soil Preparation Services	0.0	0.0	0.1
Crop Services	5.2	4.7	3.9
Plant Cultivate & Protection	0.3	0.7	0.7
Harvest Primarily by Machine	0.0	0.0	0.4
Preparation Services for Market	4.9	4.0	2.8
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	3.9	9.6	5.4
Farm Labor Contractors	3.9	9.6	5.0
Farm Management Services	0.0	0.0	0.4

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Oct 1999	Sep 1999	Oct 1998
Total Agriculture	8.08	7.92	7.32
Total Agricultural Production/Crops	8.14	7.89	7.13
Cash Grains	9.03	7.77	7.52
Rice	9.25	7.53	7.56
Other Cash Grains	8.80	8.00	7.47
Field Crops Except Grains	8.72	8.52	7.37
Cotton	na	na	na
Other Field Crops	8.72	8.52	7.37
Vegetables and Melons	7.49	7.52	7.65
Total Fruits and Tree Nuts	7.52	7.48	6.63
Berries	na	na	na
Grapes	7.51	7.79	6.63
Tree Nuts	7.38	7.03	7.03
Citrus Fruits	7.20	7.22	na
Deciduous Tree Fruit	7.46	7.39	6.45
Other Fruits & Nuts	8.05	7.95	6.41
Total Horticultural Specialties	na	na	7.48
Ornamental Floral & Nursery	8.30	na	7.12
Food Crops Grown Under Cover	na	na	7.83
General Farm Primarily Crop	7.95	8.15	6.40
Agricultural Production/Livestock	7.88	7.91	7.45
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	7.61	7.53	8.03
Dairy Farms	8.23	8.17	7.18
Chicken Eggs	na	na	na
Turkey & Turkey Eggs	na	na	na
Other Livestock	7.79	8.04	7.13
Total Agricultural Services	8.21	7.95	7.38
Soil Preparation Services	na	na	8.38
Crop Services	8.74	8.64	7.63
Plant Cultivate & Protection	8.90	8.55	7.55
Harvest Primarily by Machine	na	na	7.77
Preparation Services for Market	8.57	8.72	7.56
Cotton Ginning	na	na	na
Total Farm Labor & Management	7.68	7.27	6.15
Farm Labor Contractors	7.68	7.27	6.19
Farm Management Services	na	na	6.10

DATA NOTES

Data Sources:

These data are obtained from two sources: the Employment Development Department (EDD) Covered Employment and Wages (ES-202) data files and a monthly survey conducted by the California Agricultural Statistical Service (CASS) of the U.S. Department of Agriculture (USDA) and the Labor Market Information Division of EDD of 4,200 agricultural employers. The sample was selected to be representative of the state's agricultural employers by size, geographic location, and industry categories. Sample data are gathered for the survey week that includes the 12th calendar day of the month. All data in this bulletin represent activities taking place during this mid-month period. Same month prior year employment data are benchmarked to the ES-202 data files maintained by EDD.

Data Comments:

To aid in accurate usage and interpretation of the data, please note the following:

- **Agricultural Services employment data have been adjusted to reflect a recalculation of the survey sample results. Historical trend information was used to adjust sample data because of a low response rate.**
- Regional data may show greater variability than statewide data because of small sample size and variable reporting patterns in specific industries.
- Current month regional estimates are based on the recorded addresses of owner-operators. Same month prior year regional data are based on worksite locations. Significant differences between regional current month and same month prior year data could result, although statewide totals might be comparable.
- Where data cannot be estimated because of inadequate sample reporting, the letters "na" have been entered into the field to indicate estimates are not available.
- Wage data include wages of supervisors and hired non-production workers (primarily administrative personnel). Piece rate data are also included where applicable.
- Fishing, forestry, and hunting industry data are not included in the Agricultural Services estimates. Unique seasonal industry patterns of employment make producing employment estimates for these industries problematic.
- Employment data do not include employers of unpaid family workers.
- Agricultural workers who are employed by farm labor contractors are reported in Agricultural Services under that industry category. Employment levels in Crop Production and Livestock Production do not reflect their activities in the associated industries that contract with the farm labor contractors.
- Total agricultural employment and hourly earnings estimates in this bulletin are derived from the monthly Current Employment Statistics for Agriculture project. Estimates in this bulletin will differ from other agricultural estimates published by EDD and the USDA because of differences in the number of industries covered and in the definition of agricultural workers.

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